

**REMARKS/ARGUMENTS**

After the foregoing Amendment, claims 1, 3-12, 14-23, and 26-36 are currently pending in this application. Claim 25 is canceled and its features have been incorporated into claim 23. Claim 23 is amended. In the specification, paragraph [0011] and the Abstract are amended.

**Allowable Subject Matter**

Applicants thank the Examiner for indicating that claims 1, 3-12, and 14-22 contain allowable subject matter.

**Objections to the Specification**

The Examiner objected to the specification because of informalities. The specification has been amended to be consistent with the claimed subject matter of claims 1, 12 and 23 and as shown in Figure 1. The withdrawal of the objection to the specification is respectfully requested.

**Claim Objections**

The Examiner objected to claims 25 ,27, 32, 33 and 35 because they depend from a rejected base claim but would be allowable if re-written in independent form

including all the limitations of the base claim. Claims 23 has been re-written to include all the limitations of claim 25. Claims 27, 32, 33 and 35 depend from this allowable claim and are therefore allowable for the same reason as claim 23. The withdrawal of the objection to the claims 25, 27, 32, 33 and 35 is respectfully requested.

**Claim Rejections - 35 USC §112**

Claim 35 is rejected under 35 U.S.C. §112 as reciting the limitation “non-linearities” without antecedent basis and should depend from claim 25 rather than claim 23. All limitations of claim 25 have been incorporated into amended claim 23 providing antecedent basis for claim 35.

**Claim Rejections – 35 USC §103(a)**

Claims 23, 26, 28, 29, 30, 31, 34, and 36 stand rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 7,245,725 to Beard (hereinafter “Beard”) in view of U.S. Patent No. 5,768,695 to Fischer et al. (hereinafter “Fischer”).

Claim 23 has been amended to contain all the limitations of claim 25, which the Examiner has indicated would be allowable if re-written in independent form including all limitations of the base claim and any intervening claims. Accordingly, amended claim 23 recites, a plurality of lookup tables indexed by data received from

the digital radio module which are programmed with data so as to compensate for one or more nonlinearities which may be present in one of the plurality of analog radio modules, but are not accounted for in the digital module which is not disclosed or suggested in Beard or Fischer.

Claims 23, 26, 28, 29, 30, 31, 34, and 36 are dependent upon claim 23, and the Applicants believe these claims are allowable over the cited references of record for the same reasons provided above.

Based on the arguments presented above, withdrawal of the 35 U.S.C. s103(a) rejection of claims 23, 26, 28-331, 34, and 36 is respectfully requested.

### **Conclusion**

If the Examiner believes that any additional minor formal matters need to be addressed in order to place this application in condition for allowance, or that a telephonic interview will help to materially advance the prosecution of this application, the Examiner is invited to contact the undersigned by telephone at the Examiner's convenience.

In view of the foregoing amendment and remarks, Applicants respectfully submit that the present application is in condition for allowance and a notice to that effect is respectfully requested.

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Respectfully submitted,

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